

**Municipality/Organization:** Town of Blackstone, Massachusetts

**EPA NPDES Permit Number:** MA041093

**MaDEP Transmittal Number:** W-036393

**Annual Report Number**

**& Reporting Period:** No. 3: May 2005 - April 2006

SEP 21 2006

## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

**Contact Person:** Paul Bokoski

**Title:** Director of Public Works

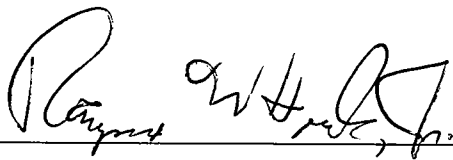
**Telephone #:** (508) 883-3034

**Email:** pbokoski@townofblackstone.org

### Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Signature:**



**Printed Name:** Raymond W. Houle, Jr.

**Title:** Town Administrator

**Date:** AUGUST 30, 2006

## **Part II. Self-Assessment**

The Town of Blackstone, Massachusetts has completed the required self-assessment. The Town continues to perform annual “Good Housekeeping” tasks such as: Annual Household Hazardous Waste Collection Day; catch basin cleaning and inspection; and street sweeping. The Town has also made some progress in the Public Education and Public Involvement and Participation Sections of the Permit. An outside consulting firm has been hired to assist the Planning Board with the review of site plans for stormwater compliance in proposed developments.

The Town of Blackstone plans to adopt stormwater by-laws to assist in enforcement related to the removal of illicit connections, and to establish general rules and regulations for use of the Town's Stormwater System. The Town also plans to begin the implementation of IDDE Program Components described in the April 2005 “NPDES Phase II Stormwater Permit – Illicit discharge Detection and Elimination (IDDE) Program” Report that was submitted as part of the Year #2 Annual Report.

O:\Blackstone MA\Phase II NPDES\MS4 Annual Report Year 3.doc

### Part III. Summary of Minimum Control Measures

#### TOWN OF BLACKSTONE, MASSACHUSETTS NPDES Stormwater General Permit

##### Stormwater Management Program Summary - Year #3

BMP ID #	BMP Description	Responsible Person / Department	Measurable Goal(s)	Progress on Goal(s) - Permit Year Three	Planned Activities - Permit Year Four
<b>1. Public Education</b>					
1-1	Provide Educational Materials to Residents	Town Engineer	Blackstone will post information annually in the Blackstone Enlightener and through informational pamphlets(see BMP2-2)	See BMP 2-2	See BMP 2-2
1-1	Revised	Town Engineer/Blackstone Millville Regional School District- Science Department	Blackstone will post information annually on the Town website and on the local access cable stations. Blackstone will distribute informational pamphlets to residents.	The Town of Blackstone has provided website links regarding Storm Water Permit Requirements and Public Education about Stormwater on the Town's Web Site. The Town has also provided the EPA/Weather Channel Video "After the Storm" to the local cable access station for broadcasting.	The Town of Blackstone will continue to post Stormwater web site links on the Town's Web Site and provide educational material to the local cable access station.
1-2	Evaluate Potential for Classroom Education	Blackstone Millville Regional School District- Science Department	Meet with Blackstone Millville Regional School District-Science Dept. Evaluate development of curriculum for high school students.	The Town Engineer met with the Blackstone/Millville Regional School District Science Department to discuss Stormwater issues.	Work with the Regional School district science department to develop a storm water curriculum for elementary students. Continue to pursue the development of public education materials by school children for distribution to the community.
<b>2. Public Involvement and Participation</b>					
2-1	Request feedback on the Storm Water Management Plan from Town Officials.	Town Engineer	Send letter requesting input on the Storm Water Management Plan to Town boards and officials.	Discussed IDDE Plan Report with Town Planning and Zoning Boards	Coordinate presentation by DPW and outside consulting firm to planning and zoning boards.
2-2	Informational Questionnaire to Residents	Town Engineer	Publish questionnaire in the Blackstone Enlightener requesting information about storm drain systems (e.g. if they are aware of pipes in their yard, foaming)	No progress this period.	The Town will develop and publish a stormwater questionnaire in the Blackstone Enlightener.
2-3	Status Updates to Town Officials	Town Engineer	Present status update to municipal boards on annual basis	Discussed IDDE Plan Report with Town Planning and Zoning Boards	Coordinate presentation by DPW and outside consulting firm to planning and zoning boards.

**TOWN OF BLACKSTONE, MASSACHUSETTS  
NPDES Stormwater General Permit**

**Stormwater Management Program Summary - Year #3**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Person / Department</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) - Permit Year Three</b>	<b>Planned Activities - Permit Year Four</b>
<b>3. Illicit Discharge Detection and Elimination</b>					
3-1	Storm Sewer System- Existing Conditions	Town Engineer	The Town of Blackstone will prepare base maps.	Base Maps were prepared in Permit Year #1. Base mapping was updated with existing mapping as part of the Town's IDDE Program and a database was created to document all stormwater assets. Town outfalls have also been located, inspected, and photographed.	The Town plans to GPS each known outfall and identify potential sources of illicit connections within the priority areas established in the IDDE Program. Illicit connections will continue to be removed as they are identified.
3-2	Request information from Town residents about illicit discharges.	Town Engineer	See BMP 2-2	See BMP 2-2	See BMP 2-2
3-3	Storm Sewer inspections	Town Engineer	1. Develop inspection checklist 2. Prioritize inspections 3. Create database for existing conditions 4. Identify source(s) of illicit discharge(s).	The Town has continued to clean and inspect catch basins. Information collected during the inspections is being included in the stormwater database.	The Town will review the data collected during the recent catch basin cleaning effort and refocus the program on areas where cleaning is required more frequently.
3-4	Develop improvement program	Town Engineer	Prepare improvement plan. Evaluate repair costs. Prioritize upgrades based on needs and costs.	Drainage upgrades and/or improvements are being included with local road work as required.	Structural or capacity related drainage improvements will continue to be completed as part of the Town's Chapter 90 roadway improvements.
3-5	Capital Improvement Plan	Town Engineer	1. Prepare multi-year capital improvement plan 2. Present plan to Capital Outlay Committee	No progress this period.	The Town will investigate the need for a drainage capital improvement program.
3-6	Implement Capital Improvement Plan	Town Engineer/DPW	Implement improvement program to the extent allowable within capital and operational means.	No progress this period.	The Town will investigate the feasibility of implementing a drainage capital improvement program.
3-7	Enforcement procedures addressing illicit discharges	Planning Board	Blackstone will review whether local authority is appropriate and able to respond to potential illicit discharges. New by-laws, if necessary, will be proposed to Town Meeting.	No progress this period.	The Town of Blackstone plans to draft and adopt stormwater by-laws to assist in enforcement related to the removal of illicit connections and general rules and regulations for the Town's Stormwater System.

**TOWN OF BLACKSTONE, MASSACHUSETTS  
NPDES Stormwater General Permit**

**Stormwater Management Program Summary - Year #3**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Person / Department</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) - Permit Year Three</b>	<b>Planned Activities - Permit Year Four</b>
<b>4. Construction Site Stormwater Runoff Control</b>					
4-1	Site plan review	Town Engineer/Planning Board	Meet with Planning Board to discuss storm water requirements	The Town has selected an outside consulting firm to assist in the review of proposed site plans for proposed developments.	The Town will continue to use an outside consultant, on an as needed basis, to review site plans for proposed development's for <u>stormwater compliance</u> .
4-2	Construction Storm Water Ordinance	Planning Board	Evaluate opportunities to modify planning bylaws to include storm water ordinance	No progress this period.	The Town of Blackstone plans to draft and adopt stormwater by-laws to assist in enforcement related to Construction Site Stormwater Runoff control.
4-3	Enforcement	Planning Board	Evaluate inspection and enforcement opportunities	No progress this period.	The Town of Blackstone plans to draft and adopt stormwater by-laws to assist in enforcement related to Construction Site Stormwater Runoff control.
<b>5. Post-Construction Stormwater Management in New Development and Redevelopment</b>					
5-1	Ordinance - Post-construction	Planning Board/DPW/Town Engineer	Evaluate opportunities to modify planning regulations requiring contractors to guarantee work	No progress the period.	The Town of Blackstone plans to draft and adopt stormwater by-laws to assist in enforcement related to Post-Construction Stormwater Management.
5-2	Enforcement	Planning Board/DPW/Town Engineer	Evaluate inspection and enforcement opportunities	No progress the period.	The Town of Blackstone plans to draft and adopt stormwater by-laws to assist in enforcement related to Post-Construction Stormwater Management.

**TOWN OF BLACKSTONE, MASSACHUSETTS  
NPDES Stormwater General Permit**

**Stormwater Management Program Summary - Year #3**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Person / Department</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) - Permit Year Three</b>	<b>Planned Activities - Permit Year Four</b>
<b>6. Pollution Prevention and Good Housekeeping in Municipal Operations</b>					
6-1	Employee Training	Town Engineer/DPW	Establish training needs and program for employees.	Informal training provided in field during catch basin cleaning and other drainage projects.	None planned.
6-2	Street Sweeping Program	Town Engineer/DPW	Develop program and schedule for sweeping streets	The Town purchased a new Street Sweeper.	The Town will review the data collected during the recent catch basin cleaning effort and refocus the program on areas where cleaning is required more frequently.
6-3	Catch Basin Cleaning Program	Town Engineer/DPW	Develop program and schedule for cleaning storm drain systems	The Town continues to clean and inspect catch basins.	The Town will review the data collected during the recent catch basin cleaning effort and refocus the program on areas where cleaning is required more frequently.
6-4	Other Programs and Policies	Town Engineer	Evaluate need for other policies and programs that can improve stormwater quality	The Town received a DEP Recycling Grant in 2005. An article from the Woonsocket Call is attached that describes some of the program details and accomplishments. The Town also held its annual Household Hazardous Waste Collection Day.	The Town will continue to look for ways to improve its stormwater quality. The Town plans to continue its annual Household Hazardous Waste Collection Day Program.